

handle 29c and a switch 29h electrically connected to the lighter circuit for controlling heating of the electro-thermal winding film 27. By plugging the lighter 2 in the power socket 2 and pushing the handle 29b to conduct the circuit on the circuit board 29d, the light emitting diode 29g is switched on while the electro-thermal winding film 27 is conducted and heated by the switch 29h. When the electro-thermal winding film 27 is heated to a predetermined temperature, the clip 12 of the tube 11 of the power socket 1 releases the internal cap 24 of the internal tube 22. Thereby, the internal tube 22 is pushed outwardly to form an open circuit of the circuit board 29d. Therefore, the light emitting diode 29g is switched off to indicate the completion of the heating process.--

IN THE CLAIMS:

1. (currently amendment) A car cigarette lighter, comprising a power socket and a lighter, wherein the power socket includes two opposing splints on a sidewall of a tube thereof, a clip at a bottom of the tube, an insulation block disposed between the tube and the clip, a conducting bar connecting the clip and extending over the tube to connect an anode of a power source while the tube is connected to a cathode of the power source, the lighter includes an external sleeve encasing an internal tube, an insulation column extending within the internal tube, an internal cap and an external cap at two ends of the insulation column, a central bar extending through the internal cap and the insulation column, an electro-thermal winding film at one end of the central bar, a spring disposed between the internal tube and the external cap, a push handle mounted to the external cap, when the lighter is inserted in the power socket, the splints clipping over the external sleeve and pressing the lighter, such that the clip clamping over the internal cap of the

internal tube to establish a loop to conduct and heat the electro-thermal winding film, the car cigarette lighter is characterized in:

the handle including an external sleeve encasing a bottom tube, a transparent handle installed on the external sleeve, a circuit board in electrical connection with a lighter circuit, wherein the circuit board comprises a at least a one light emitting diode at a bottom of the transparent handle and a switch controlling the conduction of the electro-thermal winding film, when the lighter is plugged in the power socket, the light emitting diode is switched on by pushing the push handle, and when the electro-thermal winding film is heated to a predetermined temperature, the clip is deformed to release from the internal tube to eject the internal tube to form an open circuit of the light emitting diode.

2. (original) The car cigarette of Claim 1, wherein the light emitting diode is a monochromatic light emitting diode.

3. (original) The car cigarette of Claim 1 wherein the light emitting diode is a multi-color light emitting diode.

4. (original) The car cigarette of Claim 1, further comprising a controlling circuit for controlling flashing of the light emitting diode.

5. (new) The car cigarette of Claim 1, further comprising an anode lead connected between the internal cap and the circuit board.

6. (new) The car cigarette of Claim 1, wherein the bottom tube includes two symmetric protrusions to engaged with two respective grooves of the external sleeve.